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TITLE: MOLDING MATERIAL FOR LIGHTWEIGHT AERATED CONCRETE
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INVENTOR-INFORMATION:

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ABSTRACT:

PURPOSE: To produce a molding material for lightweight aerated concrete capable of increasing its sound absorption characteristic, etc., by incorporating bubbles foamed with a foaming agent, and deforming agent in a slurry dispersed cement in water to form bubbles having large diameter.

CONSTITUTION: The molding material for lightweight aerated concrete is prepared by dispersing cement in water and besides, is combined bubbles foamed using the foaming agent with the defoaming agent. Conventional agent, natural protein such as glue, casein, albumin, and amphoteric surfactant can be used as the foaming agent. silicone defoaming agent is mainly used as the deforming agent but oily material (e.g. higher alcohol, ethylene glycol, etc.,) and nonionic surfactant, etc., can be also used.

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